

SAFETY MANUAL

For safety, please read this manual carefully.

ATTENTION: To reduce electric danger, do not open the device cover, and the user may not tamper with its inside. Consult a professional about repair.



A lightning with arrow head in a triangle to warn the user that there is “a dangerous high-voltage current” inside the product. The current is so strong enough to cause electric shock.



An exclamation mark in a triangle to warn the user that there are important instructions for use or maintaining of the peripherals.

1. Please read this manual thoroughly before using.
2. Keep this manual for consulting, when necessary.
3. To reduce the risk of fire or electric shock, keep the device away from rain or humidity.
4. To avoid electric shock, do not use the jack with bare or open wires, unless otherwise they are completely coated.
5. Do not plug the power-source cable in with a wet hand.
6. Keep away from water, humid and very hot places.
7. Care should be taken to prevent the power-source cable from being trodden or stepped on.
8. Carefully prevent water or foreign matters from dropping into the device.
9. Clean with soft towel without using any highly corrosive chemicals.
10. Turn off the power source when the device is not in use; unplug the device when it is not used for a long time.
11. Use the power source under the instructions herein or found on the device.

1. Start

1.1 Accessories



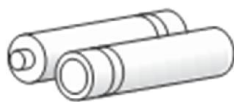
Remote control



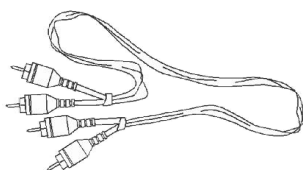
Song Book



User's manual



2 AA batteries

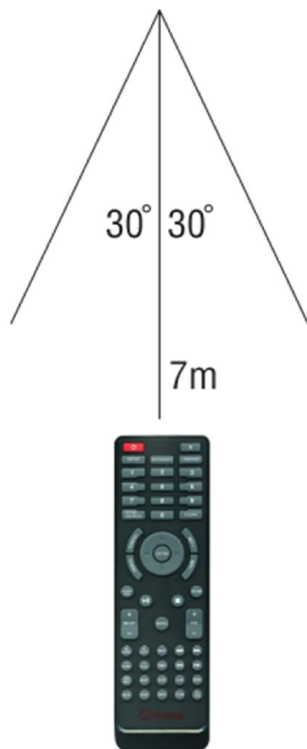


AV cable



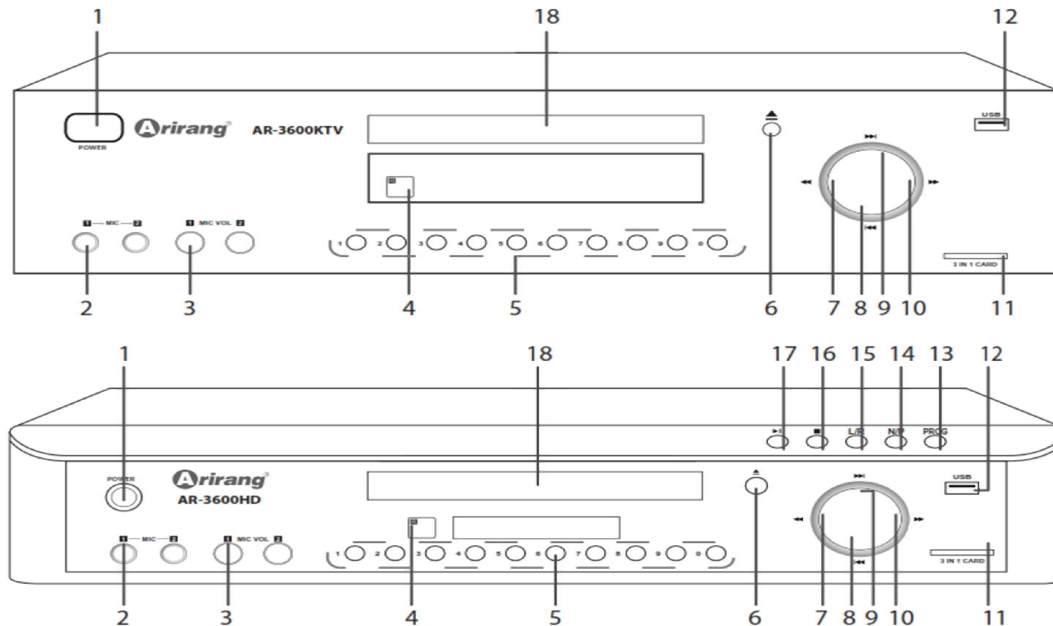
HDMI cable

Angel to receive signals from the remote control:



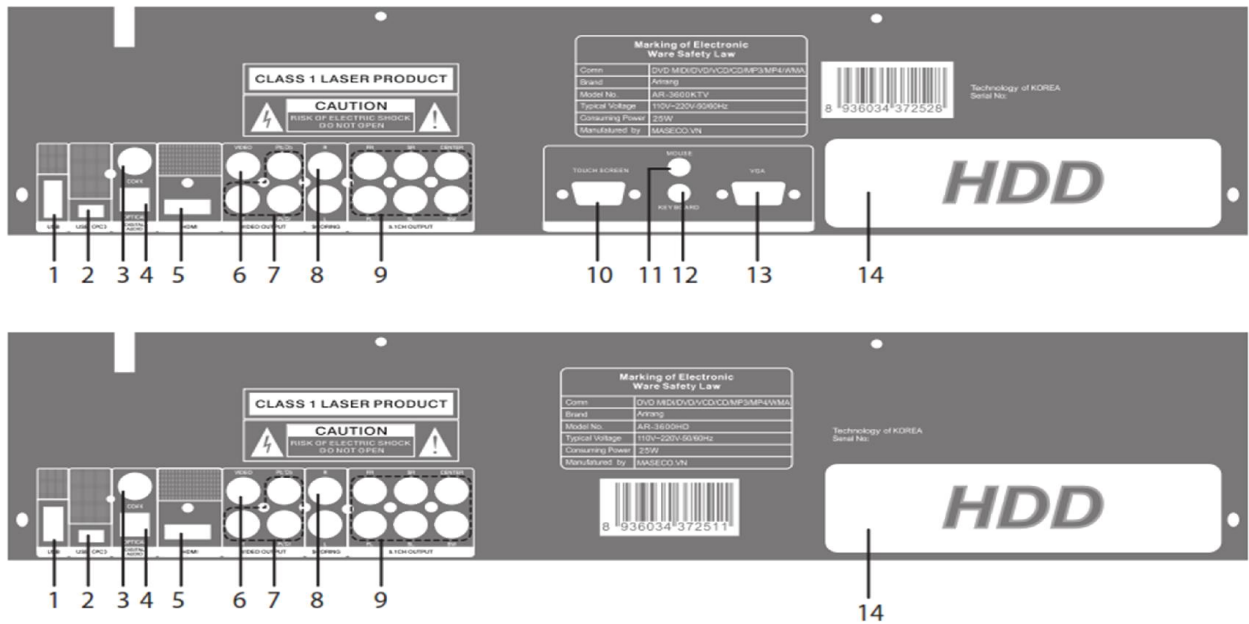
1.2 Overview

FRONT PANEL



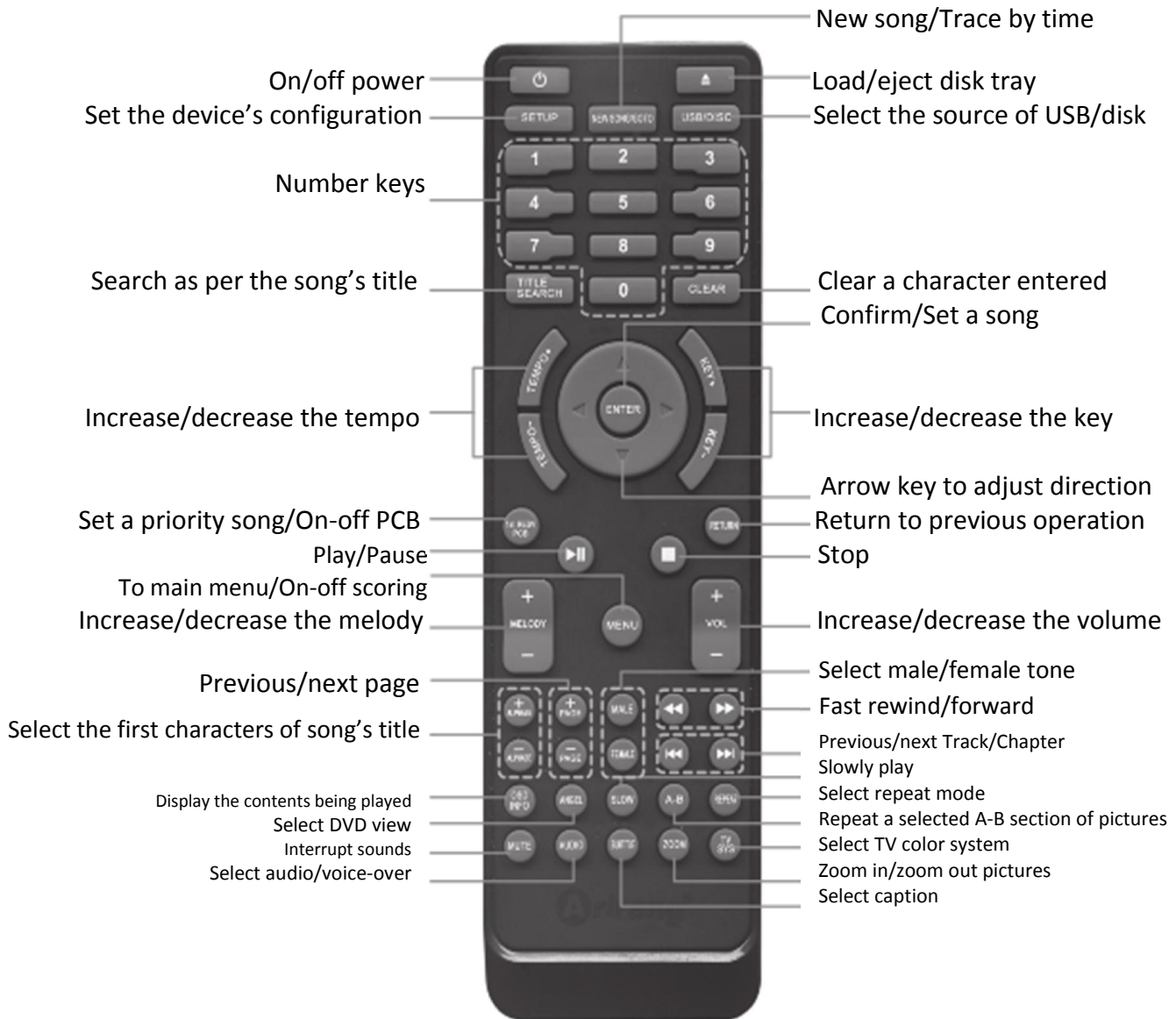
- | | |
|----------------------------|---|
| 1. Power | 10. Fast forward |
| 2. Micro 1,2 port | 11. Memory card slot |
| 3. Adjust Micro 1,2 volume | 12. USB port |
| 4. Infrared eye | 13. Make the list of songs/Store a song |
| 5. Number keys | 14. Choose TV color system NTSC/PAL |
| 6. Load/eject disk tray | 15. Interrupt sounds |
| 7. Fast rewind | 16. Stop |
| 8. Previous song | 17. Play/Pause |
| 9. Next song | 18. DVD drive |

REAR PANEL

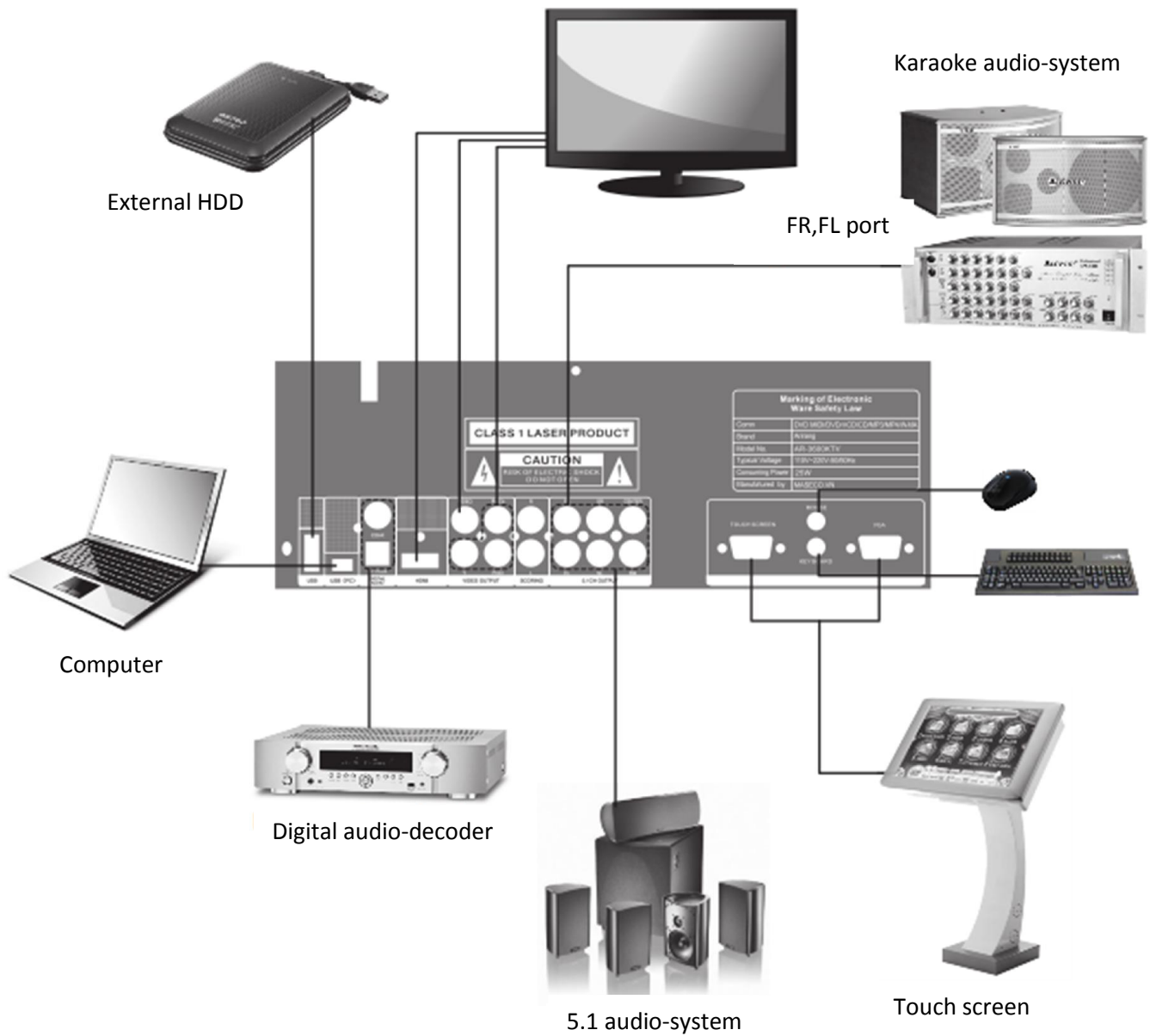


1. USB port to peripherals
2. USB port to computer
3. Coaxial digital audio-port
4. Optical digital audio-port
5. HDMI port
6. Composite video signal port
7. Component video signal port
8. Not in use
9. Surround 5.1 audio-port
10. Touch screen connecting port
11. Mouse connecting port
12. Keyboard connecting port
13. VGA port
14. Hard disk drive tray

REMOTE CONTROL



CONNECTION DIAGRAM



* **Connection with computer:** use standard cable Mini-USB
Connect to cable, press power to start. The way to connect and use is the same as normal computer.



2. Select program

Use ◀▶ key to move, press ENTER key to play



Karaoke: Select to play MIDI KARAOKE list

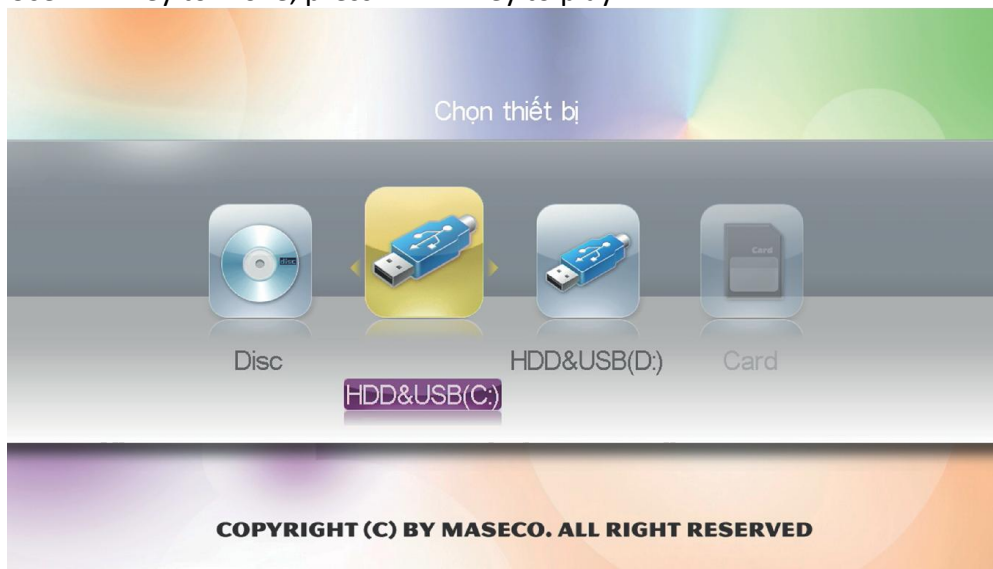
Game: Select to play the games are pre-installed in the device

Setting: Select to set the device's configuration

Use USB/DISC key on remote control to choose playing data from DVD drive, internal HDD, external HDD, SD Card.



Use ◀▶ key to move, press ENTER key to play



Interface to play data from HDD, USB, SD Card

Use ◀▶ key to move, press ENTER key to play

Movie: Play movie formats

Music: Play music formats

Picture: Play picture formats

E-book: Play text formats



3. Install and Use

3.1 Install

Use ◀▶ key to move, press ENTER key to play



Function	Illustration	Description	Explanation
Picture		Set pictures	Color system: Select TV color system Video signal output: Select video signal output, default video signal output is VGA YCbCr/HDMI Resolution: Select TV resolution through Component and HDMI port To select resolution, select YCbCr video signal output After selecting resolution, select VGA video signal output Proportion: Screen proportion HDMI color setting: Select color system through HDMI port Depth of HDMI color: Select the depth of color through HDMI port Saturation: Adjust picture saturation Brightness: Adjust picture

			brightness Contrast: Adjust picture contrast Color: Adjust picture color
Language		Set languages	Displayed language: Set the displayed language Disk voice-over: Select VO language in DVD play Disk caption: Select secondary language in DVD play Disk menu: Select main menu language in DVD play
Audio		Set audios	SPDIF: Select the audio signal through Optical/Coaxial port HDMI: Select the audio signal through HDMI port Sampling frequency: Select sampling frequency in audio play Surround: Select space effect of surround sound EQ: Select the sound effect DRC: Turn on/off DRC function (Dynamic Range Compression) to improve the sound quality Karaoke: Adjust micro echo and tone MIC setting: Set the volume level for Mic
Loudspeaker		Set loudspeakers	Downmix: Select 2-channel/surround audio output GM5: Mode of emulating surround sound Loud level: Select the loud level of speakers Distance: Select the distance from each speaker to listener Level: Select the level of

			balance sound for each speaker Audio test: Test the signal of each speaker
Children lock		Select the function of locking DVD disk	Default code 9999 Code: Change the code Level: Select the limited level of DVD disk
System		Set system functions	Replay: Turn on/off replay function of stored song at previous time Screen fit: Select frame size Background picture: Change interface background picture DivX DRM: See copyright information of Divx decoder Initialize: Restore the original setting

3.2 Karaoke

1. Main operation:

- In main menu, select Karaoke item to play
- Play: Input the code of the song by using number keys 0-9.
 - + Press **PLAY** to play
 - + Press **ENTER** to store
 - + Press **1st RESV** to store the priority
- Stop: When the device is playing, press "STOP" key to stop.



2. Adjust the song volume and tone:

- **VOLUME +/-** key: Increase/decrease the volume
- **MELODY +/-** key: Increase/decrease the song melody

3. Adjust key, tempo, male/female tone:

- **KEY +/-** key: Increase/decrease the song key
- **TEMPO +/-** key: Adjust fast/slow tempo for the song
- **MALE/FEMALE** key: Select male/female tone

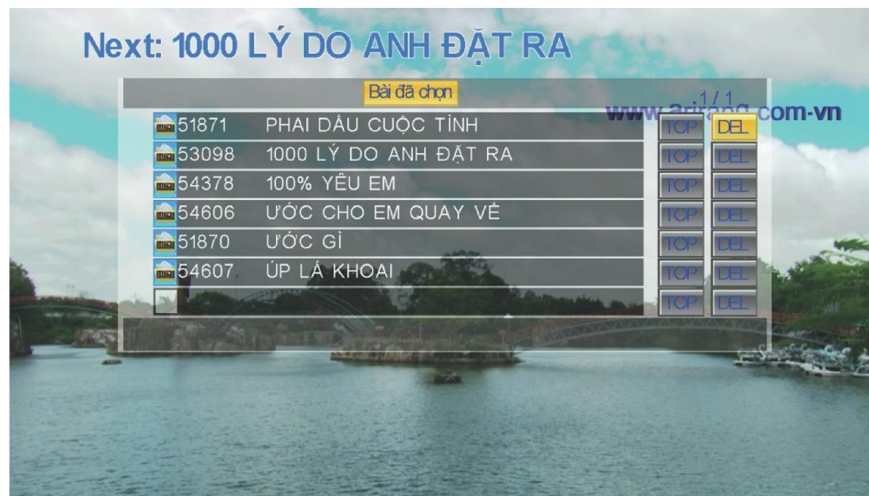
4. New song: Press **NEW SONG** key to display the list of songs in new Vol

- Use **Page UP** and **Page DN** key to select previous/next page in the alphabet
- Select the song press **PLAY** to play, press **ENTER** to store, **1st RESV** to store the priority

5. Management of selected song: press **OSD** key to show the list of songs table.

- **▼▲** key to select the song
- **◀▶** key to select:
 - + **TOP** to set the song in priority

+ DEL to delete song



6. Fast searching: helps searching as the first characters of the song's title

- Press SEARCH key on the remote control, select searching as per the "song's list"
- Use the arrow keys to select the first characters of the song's title, use ENTER key to confirm
- Press Page + and Page - key to select page in the song's list

For example, to search for the song "ĐẤT NƯỚC" → select D character → select N character → press Page + key to select the next page, use arrow keys to select the song then press ENTER to play

In addition, users can search for a song as per the "Language", "New song" for Midi Karaoke disc; search as per the "Collection", "Singer" for MTV Karaoke songs

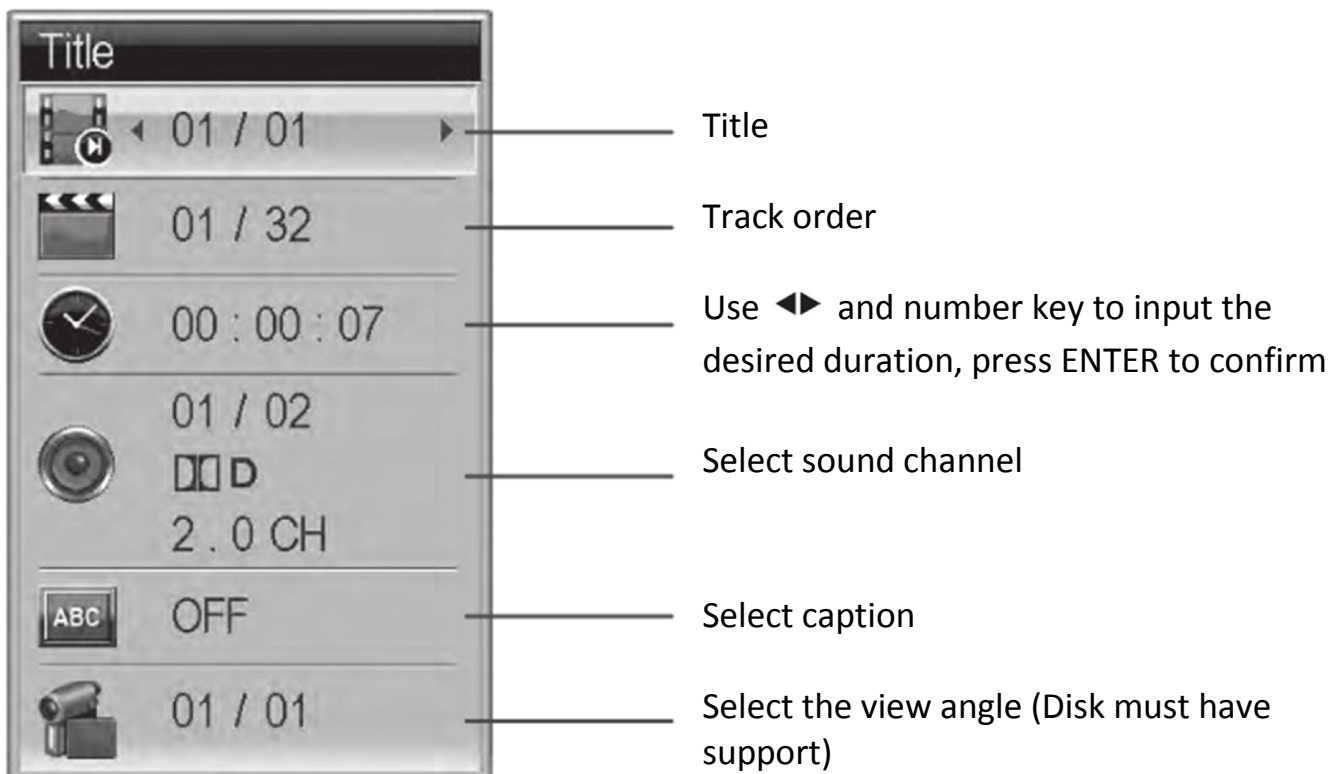


3.3 Play movie formats:

Support for formats MPEG1/2,AVI,DAT,VOB,WMV,MKV,M2TS,M2T,TS,FLV...



When playing, press **OSD** key to turn on/off the control panel. ▼▲ key to select, ◀▶ to change



3.4 Play audio formats:

Support for formats: MP3,WMA,WAV,AAC,FLAC...



Use ▼▲ key to select, ◀▶ to move

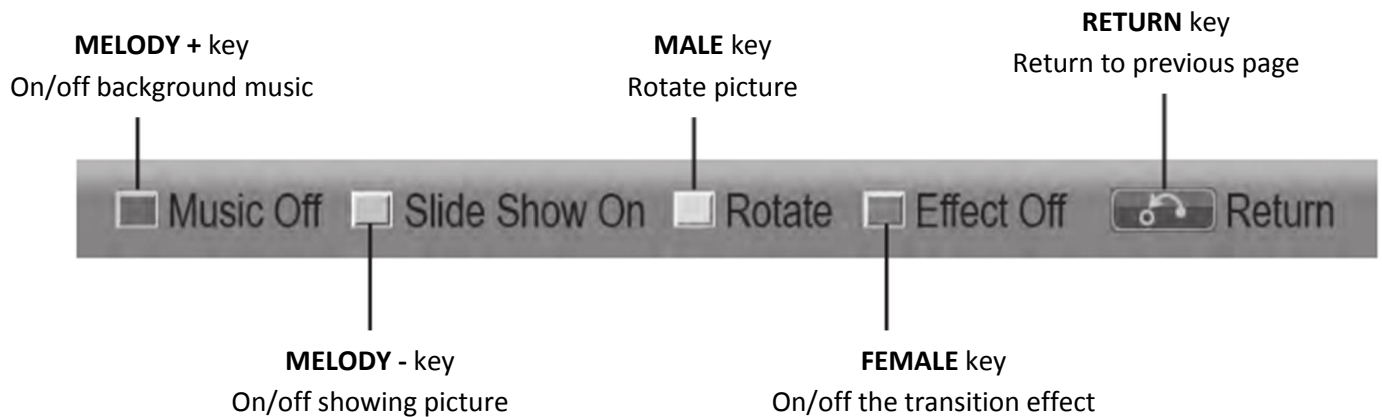
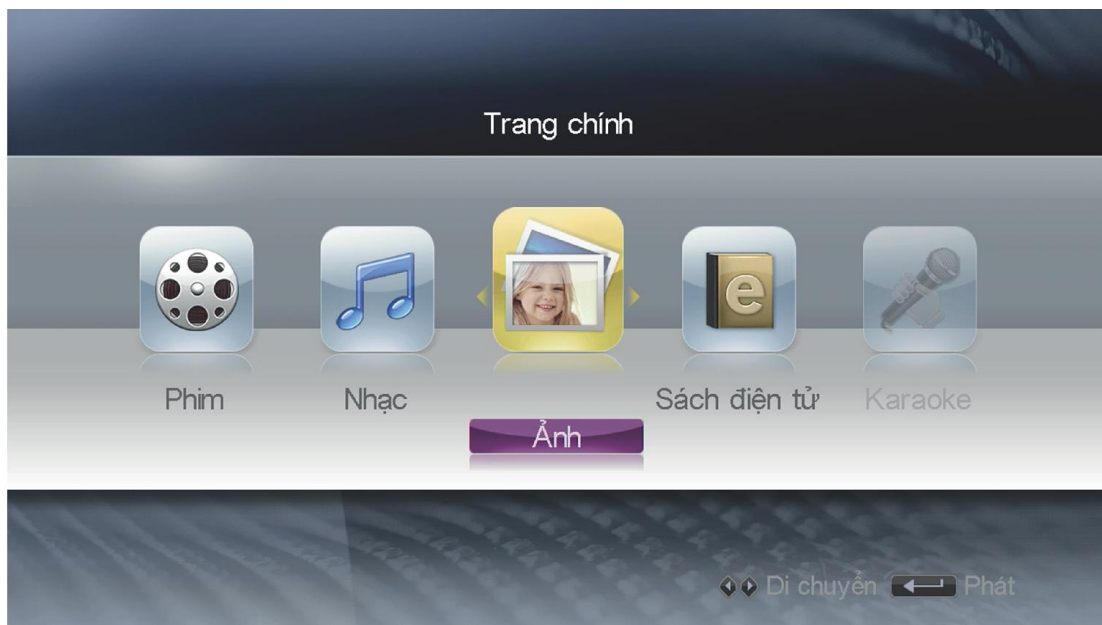
Press ENTER key to play

Press RETURN key to return to previous operation



3.5 Play picture formats:

Support for formats: BMP,JPG,PNG,GIF,TIF

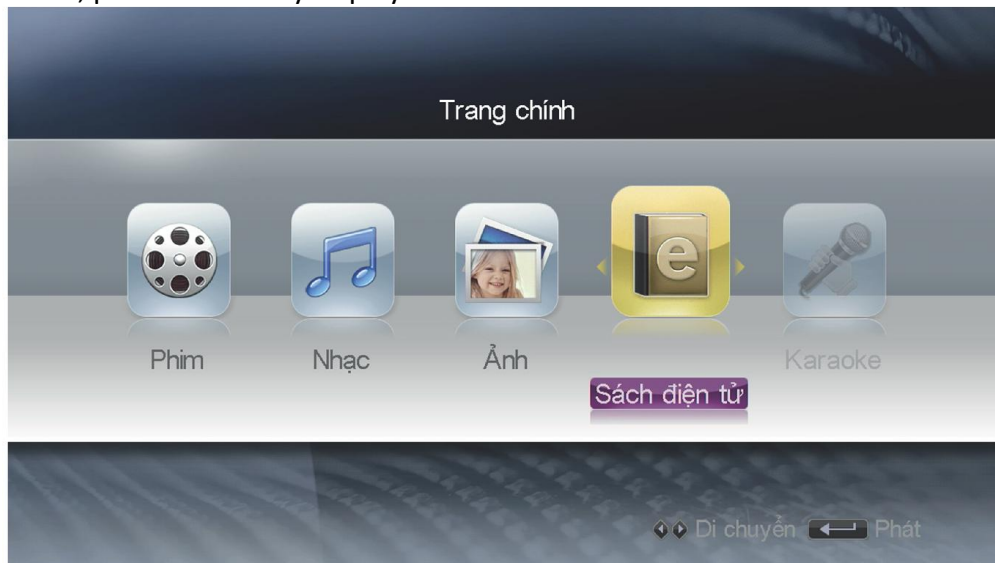


Note: Copy music file to the folder containing the image files to use the feature of playing background music in slideshow

3.6 Play text formats:

Helps see the contents of text file, support for format: TXT

Use ◀▶ key to move, press ENTER key to play



Use ▼▲ key to select, ◀▶ to move

Press ENTER key to play

Press RETURN key to return to previous operation

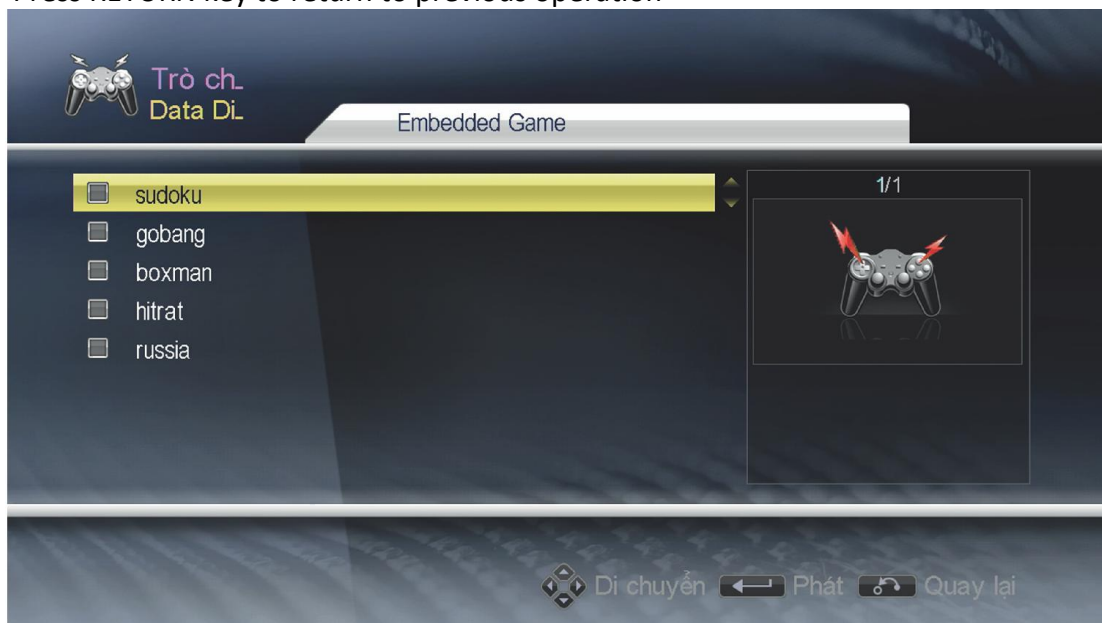


3.7 Game

Games are pre-installed in the device, use the remote control of the device to control
Use ◀▶ key to move, press ENTER key to play



Use ▼▲ key to select, ◀▶ to move
Press ENTER key to play
Press RETURN key to return to previous operation



4. Touch screen (AR-3600KTV)



- Song list: Search for a song as per the first characters of its title
- KTV song: Search for a song as per the first characters of KTV song's title
- Select code: Select the song code
- Singer: Search for KTV song as per the singer's name
- Language: Search for song list as per the language
- Greeting: Install the greetings, lines
- Selected: List of the selected songs
- New song: List of new songs updated
- System: Adjust system features
- Play/Pause: Play or pause the song
- Stop: Stop the song being played
- VGA/TV: Select video output through VGA or TV (when playing Midi Karaoke, KTV songs)
- Next: Play next song
- Interrupt: Helps on/off singer's voice
- Repeat: Repeat the song being played
- Increase/Decrease the volume: Increase or decrease volume when playing
- Return: Return to previous operation

4.1 List of song – KTV song:



List of MIDI KARAOKE songs and KTV song collection

Select title: Search for a song as per the first characters of its title

Total of pages: Total of pages in the list

Current page: Current page in the list

Left/Right arrow: Select to move to next or previous page

For example: To search for a song “ĐẤT NƯỚC” → Select D character → Select N character → Select right arrow to move to next page → Select song’s title to play.

4.2 Select song code:



Input the code of the song to be played corresponding to the code in “Song book”

+ Enter: Play, store the song

+ Priority: Store the priority song

+ Clear: Clear a number incorrectly entered

4.3 Singer



Search for a KTV song as per the singer's name

Select name: Search for singer's name as per the first character

Total of pages: Total of pages in the list

Current page: Current page in the list

Left/Right arrow: Select to move to next or previous page

For example: To search for a song presented by Đan Trường singer → Select D character → Select T character → Select singer's name to search for the songs → Select song title to play.

4.4 Language



Search for a song as per the language. In main menu select Language → Select Vietnam →

Search for a song as per the first character of its title

4.5 Greetings



- On/Off: Helps display or not display the greetings
- Color of character: Select color of character to be displayed, including 4 colors to choose
- Space: Select space between the characters
- Clear: Clear a character incorrectly entered
- Table of character: Select the accented letters and other characters
- Line 1, line 2: Select to input the greeting
- Home: Return to main menu

For example: To install the greeting “MASECO ARIRANG”, on the touch screen select Greeting item→ Select On

Select Line 1→ Select character M→A→S→E→C→O

Select Line 2→ Select character A→R→I→R→A→N→G

Select Home to return to main menu

Note: Installing the greetings can only be done on touch screen.

4.6 Selected



List of selected songs

Total of pages: Total of pages in the list

Current page: Current page in the list

Left/Right arrow: Select to move to next or previous page

Top: Store selected song in the priority

X: Clear the song

4.7 New song



Search for a song updated in new Vol.

Select title: Search for a song as per the first characters of its title

Total of pages: Total of pages in the list

Current page: Current page in the list

Left/Right arrow: Select to move to next or previous page

4.8 System



- Adjust system features

Adjust: Increase/decrease the volume, tempo, key, melody of the song

Scoring: Select Yes to turn on, select No to turn off scoring feature

Mouse: Select the speed of mouse on the screen, including 4 levels

SPECIFICATIONS

Voltage	AC 90-240V – 50/60Hz
Power Consumption	25W
Dimension	AR-3600 KTV: 315(R) x 100(C) x 430(D) mm AR-3600HD: 315(R) x 90(C) x 430(D) mm
Weight	AR-3600 KTV: 3,7kg AR-3600HD: 3,4kg
Compatible with	VCD/SVCD/DVD/Audio CD/MP3
Video	MPEG1/2,AVI,DAT,VOB,WMV,MKV,M2TS,M2T,TS,FLV
Audio	MP3,WMA,WAV,AAC,FLAC
Photo	BMP,JPG,PNG,GIF,TIF
Video output	HDMI 1.3,Composite,Component
Audio output	5.1Ch,Optical,Coaxial
Input	USB 2.0 Host, Slave USB, SD card Reader
SATA	01 internal SATA interface
Subtitle format	SRT,SUB,ASS
File system	NTFS,FAT32